



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Sunday, April 21, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- **Elevated to critical fire weather conditions possible across NM & W TX.**

Monday

- **Thunderstorms with large hail and isolated wind damage may develop across parts of the southern High Plains late Monday afternoon through the overnight period.**

Tuesday - Thursday

- **Strong to severe storms with isolated wind damage and hail are possible over S-Central TX on Tuesday, expanding into SE TX on Wednesday before shifting over AR & LA on Thursday.**
- **Isolated heavy rain/flash flooding is possible over E TX and LA Wednesday/Thursday.**

River Flooding

- **Moderate to Major river flooding will continue on the Mississippi River.**
- **The Ouachita River at Monroe (in N-Central LA) may rise to near major flood levels later this week with mostly agricultural and recreational impacts.**
- **Minor flooding occurring or expected elsewhere across E TX, LA and AR with no major impacts anticipated.**

FEMA Region 6 Threat Matrix

Apr 21, 2019 – Apr 25, 2019



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DAY / THREAT	SUN	MON	TUE	WED	THU
Severe Storms		SW OK, TX South Plains E NM, NW TX, W OK	S-Central TX	S-Cntrl & SE TX	AR, LA
Heavy Rain / Flash Flooding			NW TX, OK	ETX, W LA	AR, LA
Winter Weather					
Fire Weather	NM, Extreme W TX	S NM			
River Flooding	LA AR, ETX	LA AR, ETX	LA AR, ETX	LA AR	LA AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

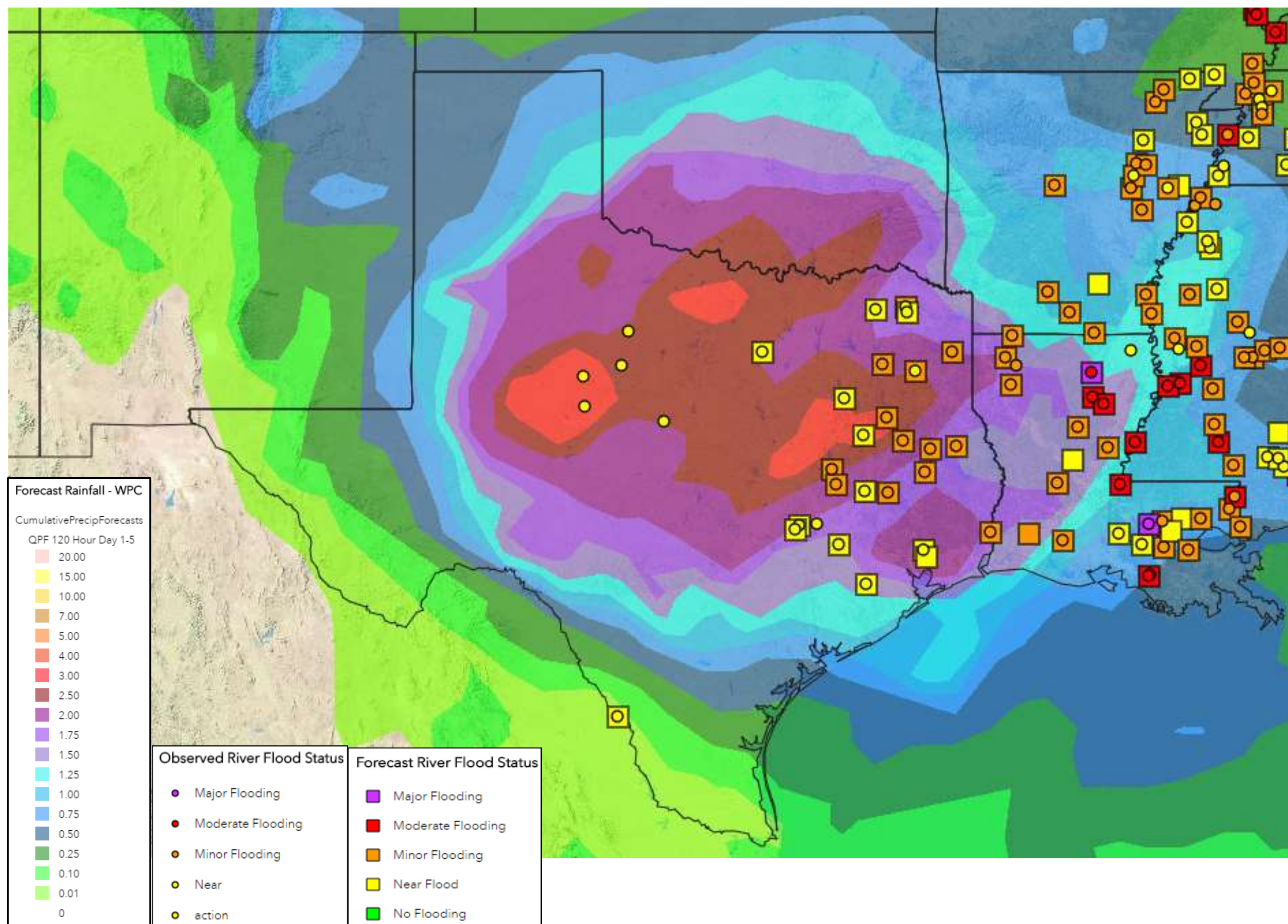
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.

- MS River at Baton Rouge will remain in major flood stage. Shipping and industrial activities are significantly affected.
- The Bonnet Carre Spillway is operating to reduce flow and maintain just under a 17.0ft stage at New Orleans. It will remain open until further notice. No impacts are noted.

Moderate river flooding is occurring along the Ouachita and Boeuf Rivers and the Atchafalaya River at Morgan City in LA. No major impacts expected. The Ouachita at Monroe may rise to near major flood levels later this week with mostly agricultural and recreational impacts.

The MS River at Osceola, AR is expected to rise into moderate flood stage again mid-week and crest next weekend. Many roads will be impacted.

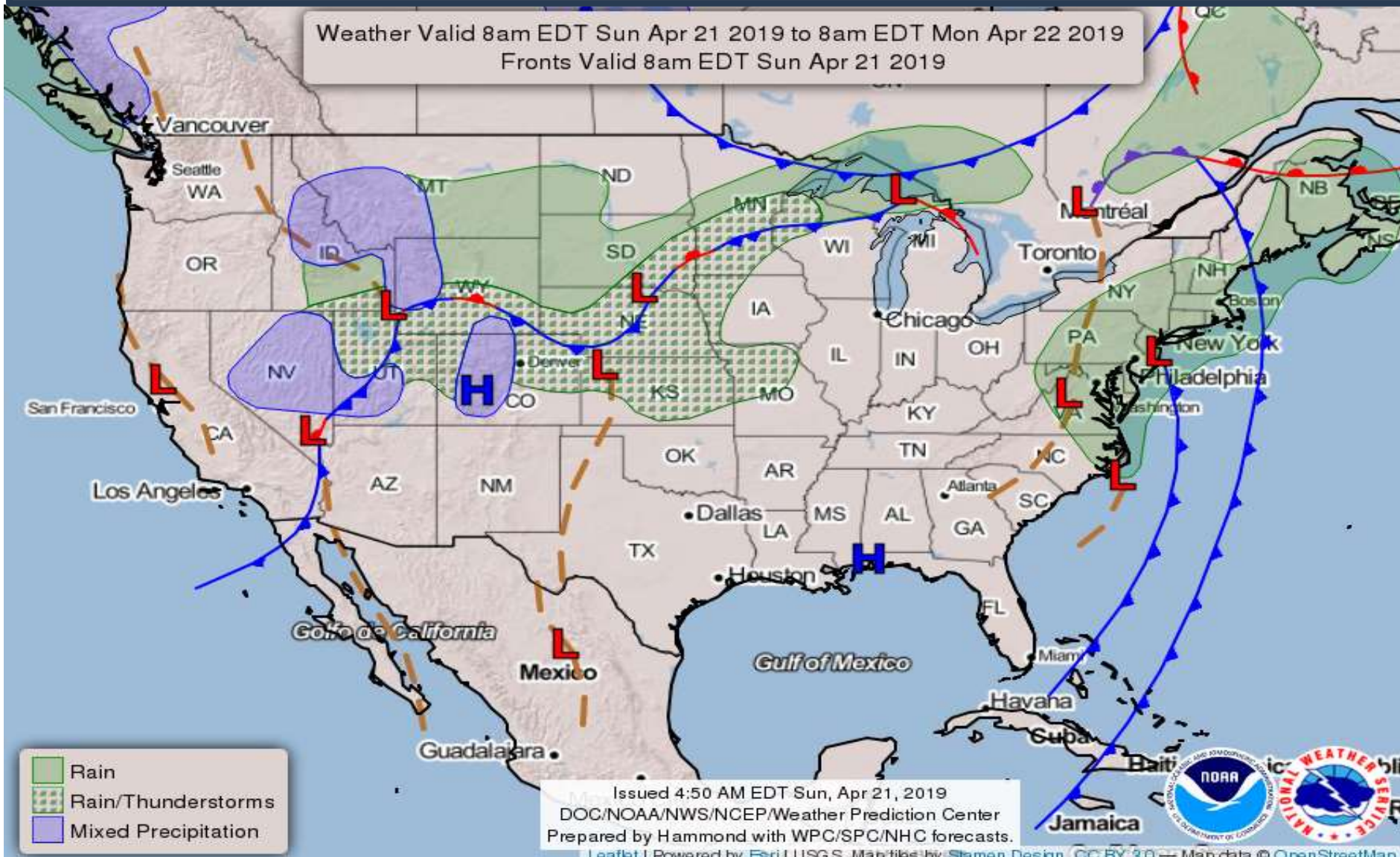
Minor flooding ongoing elsewhere across AR, LA and ETX with no major impacts expected.

Today's Weather



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Forecast Chart

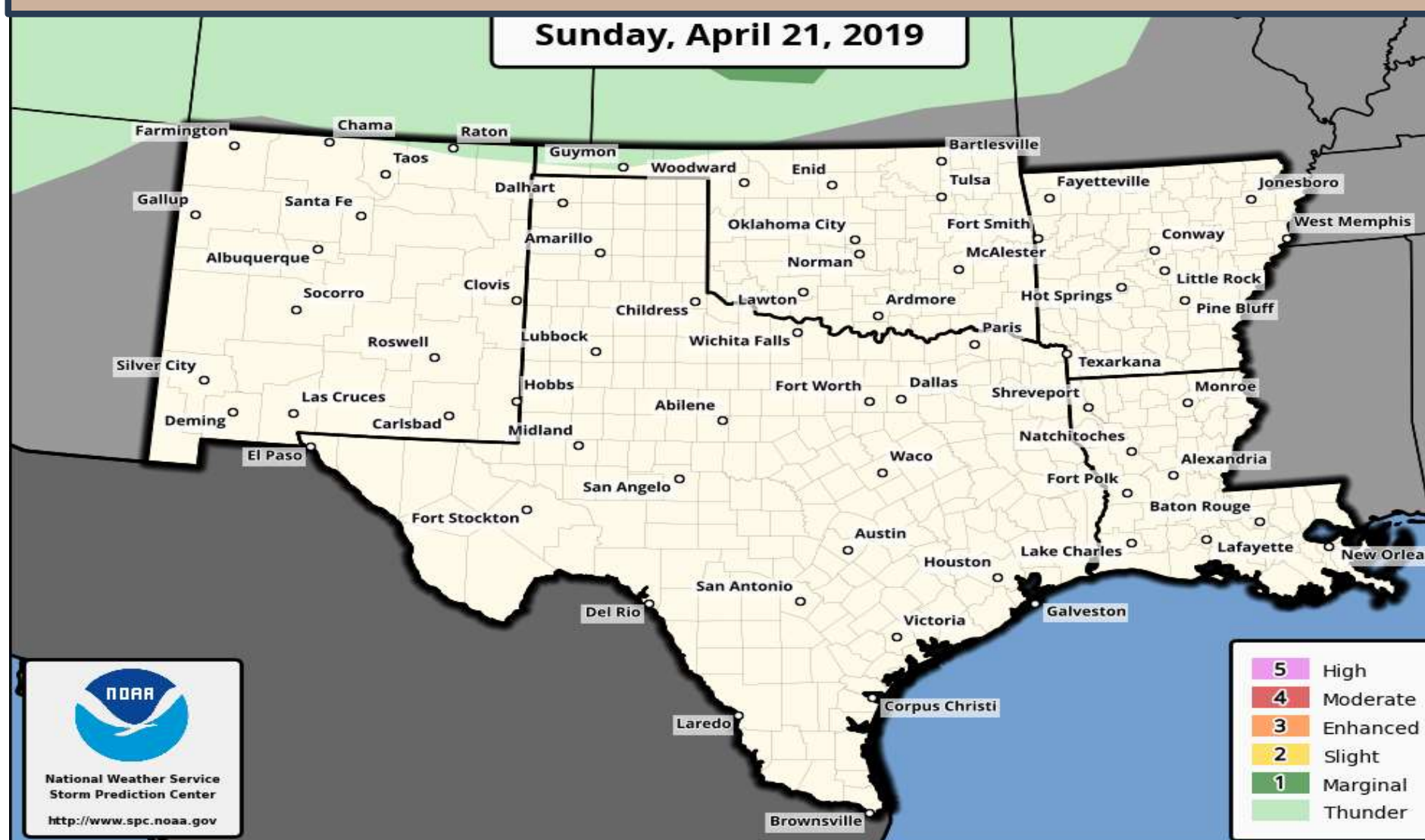


Forecast Rainfall



No significant weather
impacts expected.

Severe Weather Outlook



Excessive Rainfall Outlook

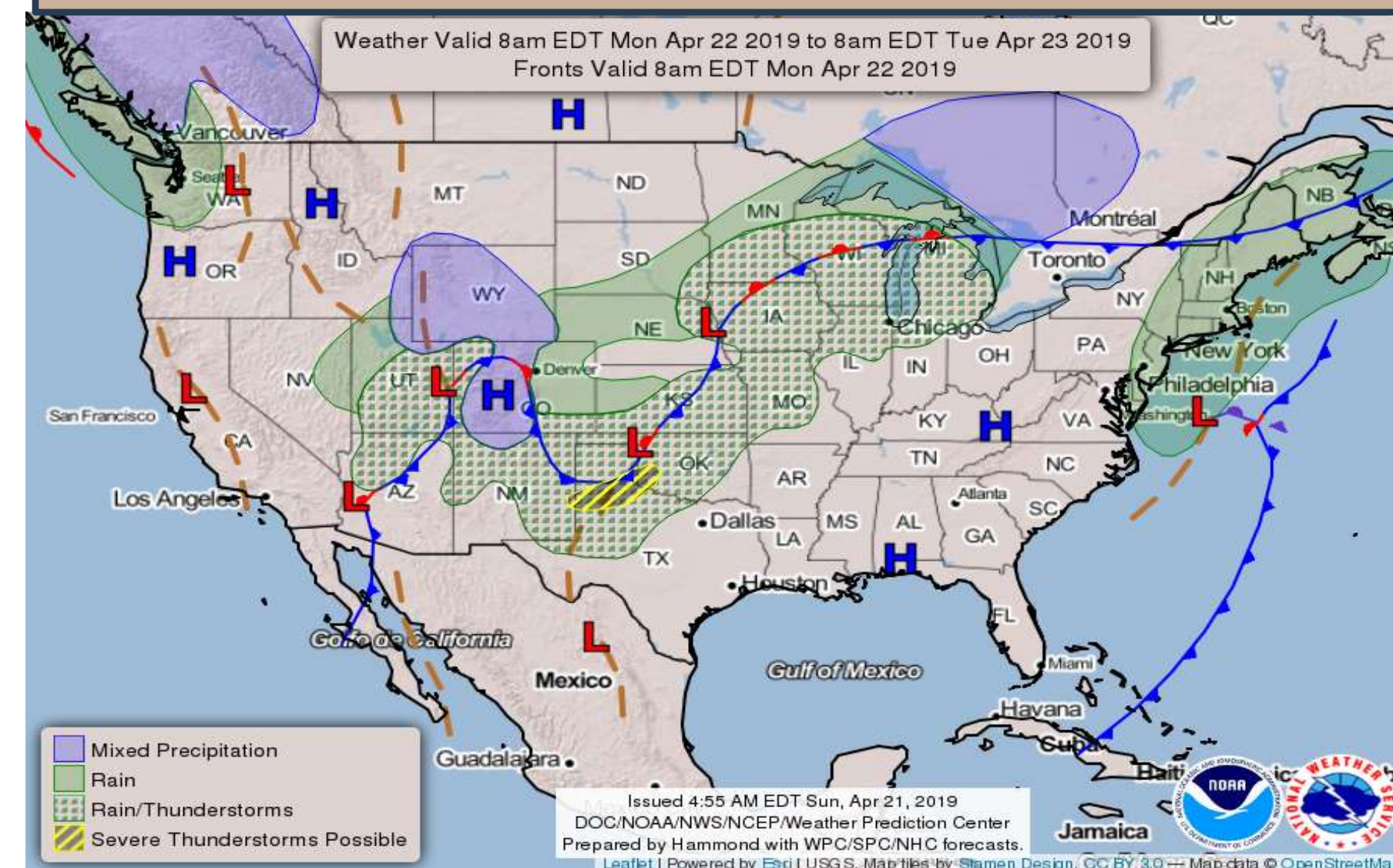


Tomorrow's Weather



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Forecast Chart

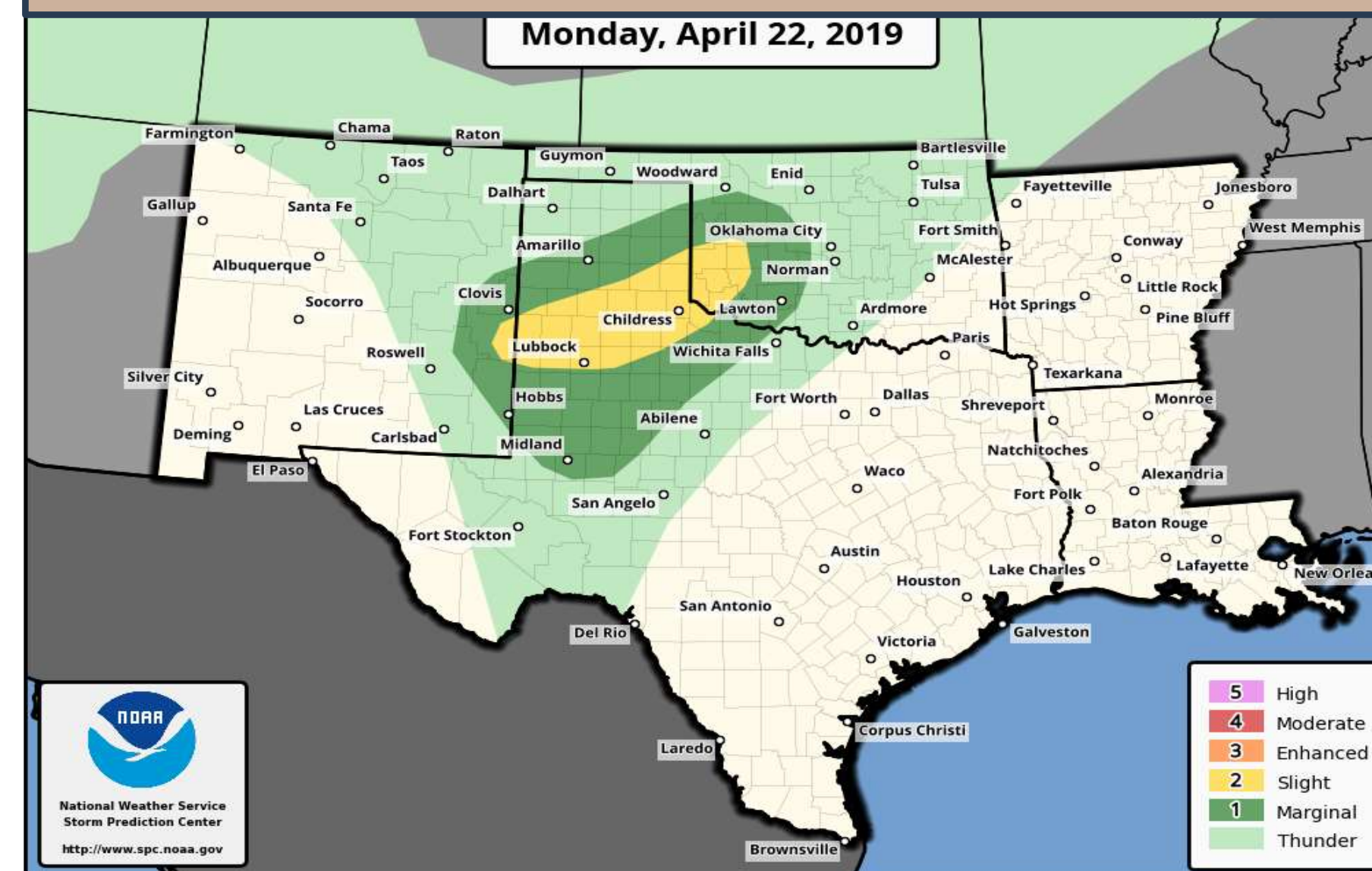


Forecast Rainfall



Thunderstorms with large hail and isolated wind damage may develop across parts of the southern High Plains late Monday afternoon through the overnight period.

Severe Weather Outlook



Excessive Rainfall Outlook

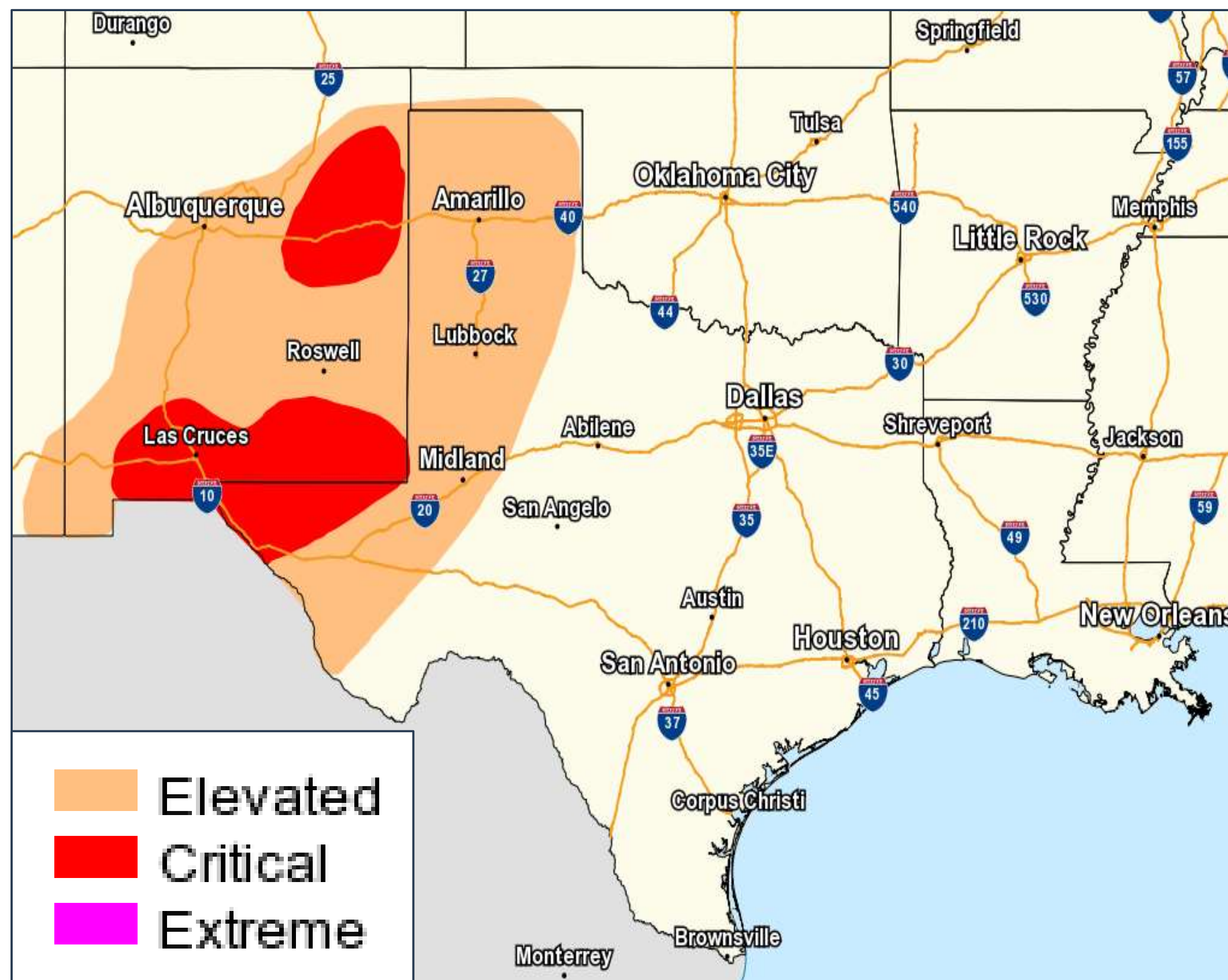


Fire Weather Outlooks

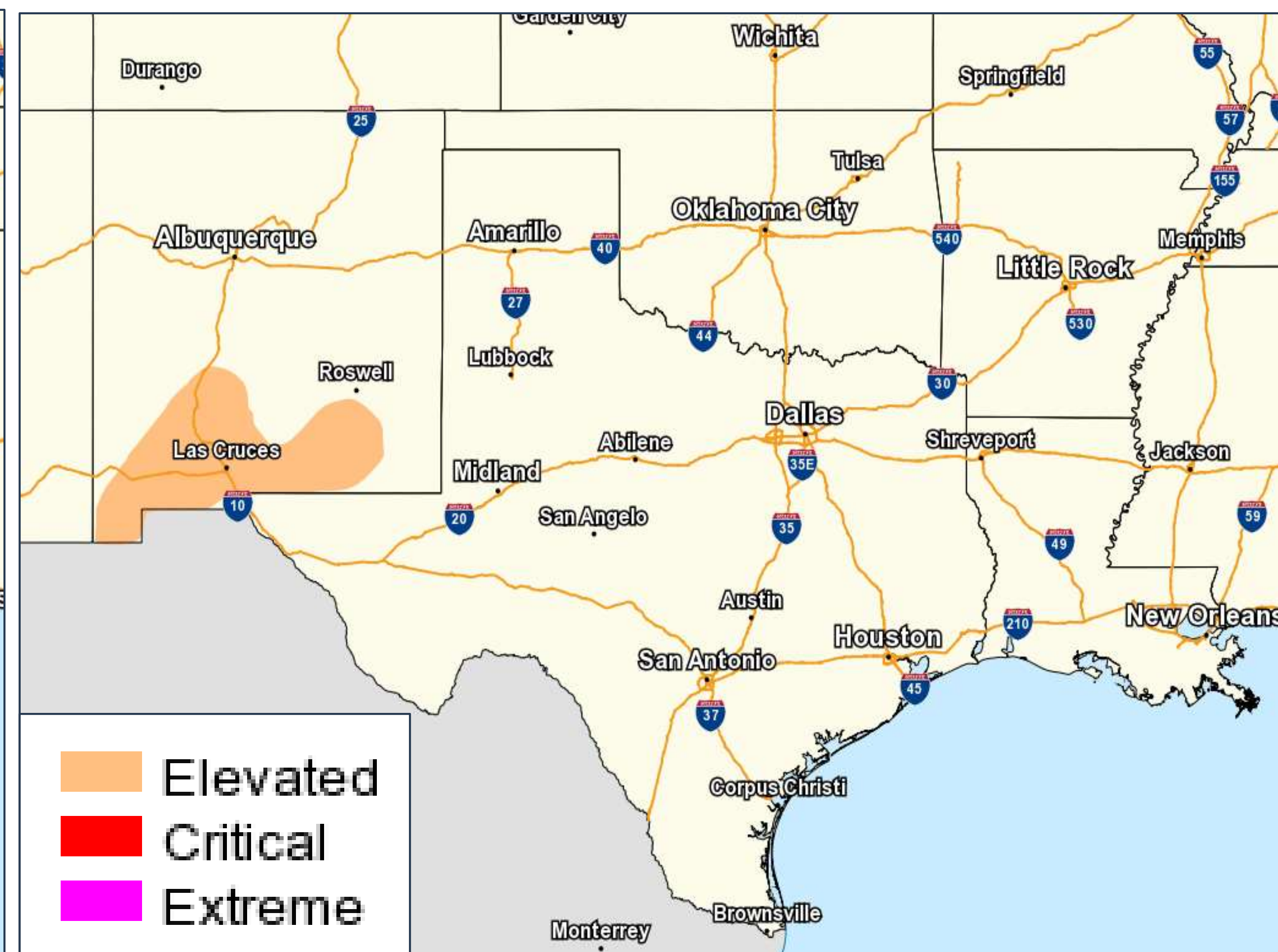


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Today's Fire Weather Outlook



Tomorrow's Fire Weather Outlook



Tuesday's Weather



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Forecast Chart

Forecast Rainfall

Strong to severe storms with isolated wind damage and hail are possible in the afternoon and evening over S-Central TX.

Some isolated heavy rain/flash flooding is possible over NW TX into OK.

Severe Weather Outlook

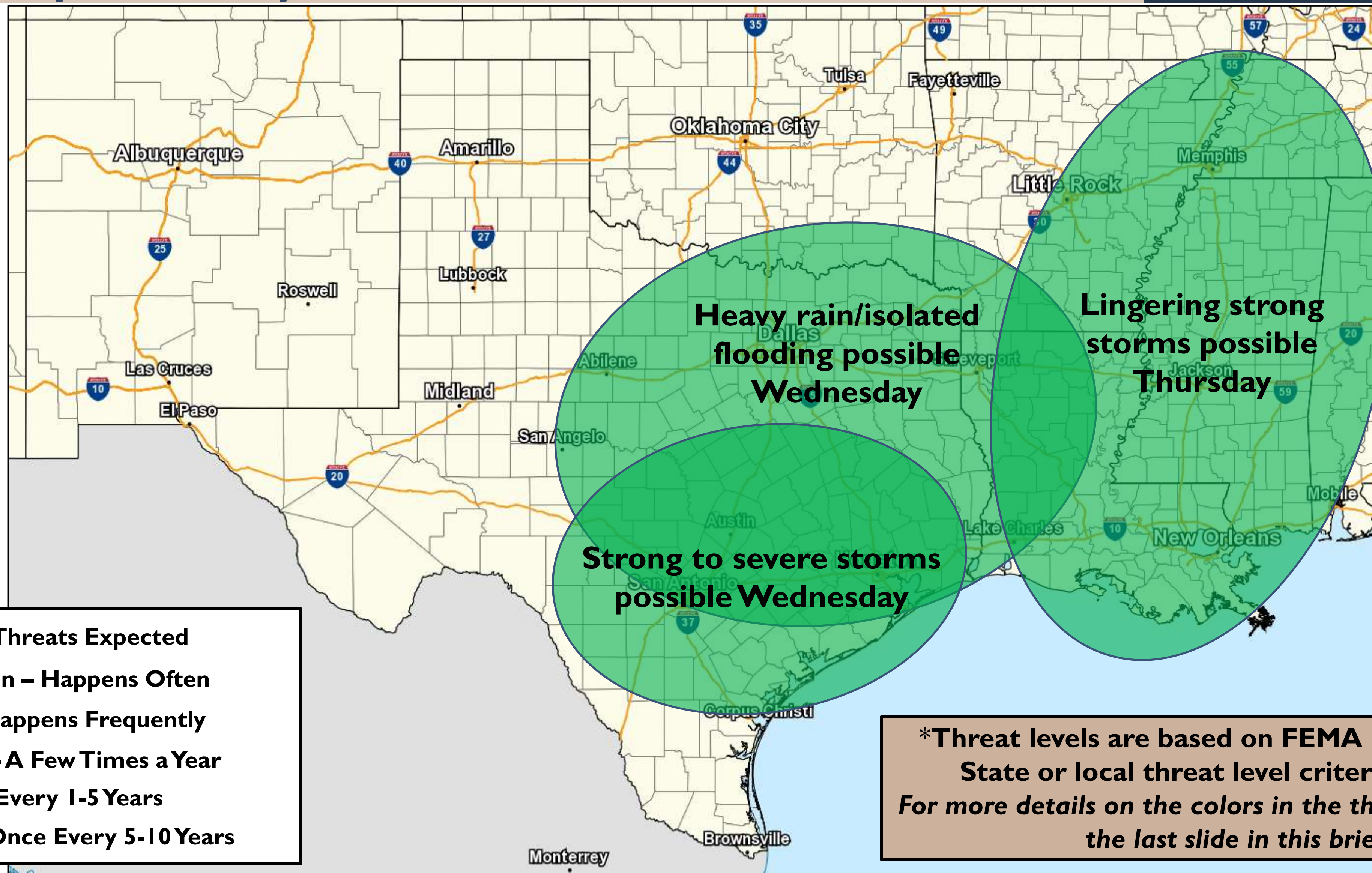
Excessive Rainfall Outlook

Days 4-5 Weather Hazards

Wednesday - Thursday



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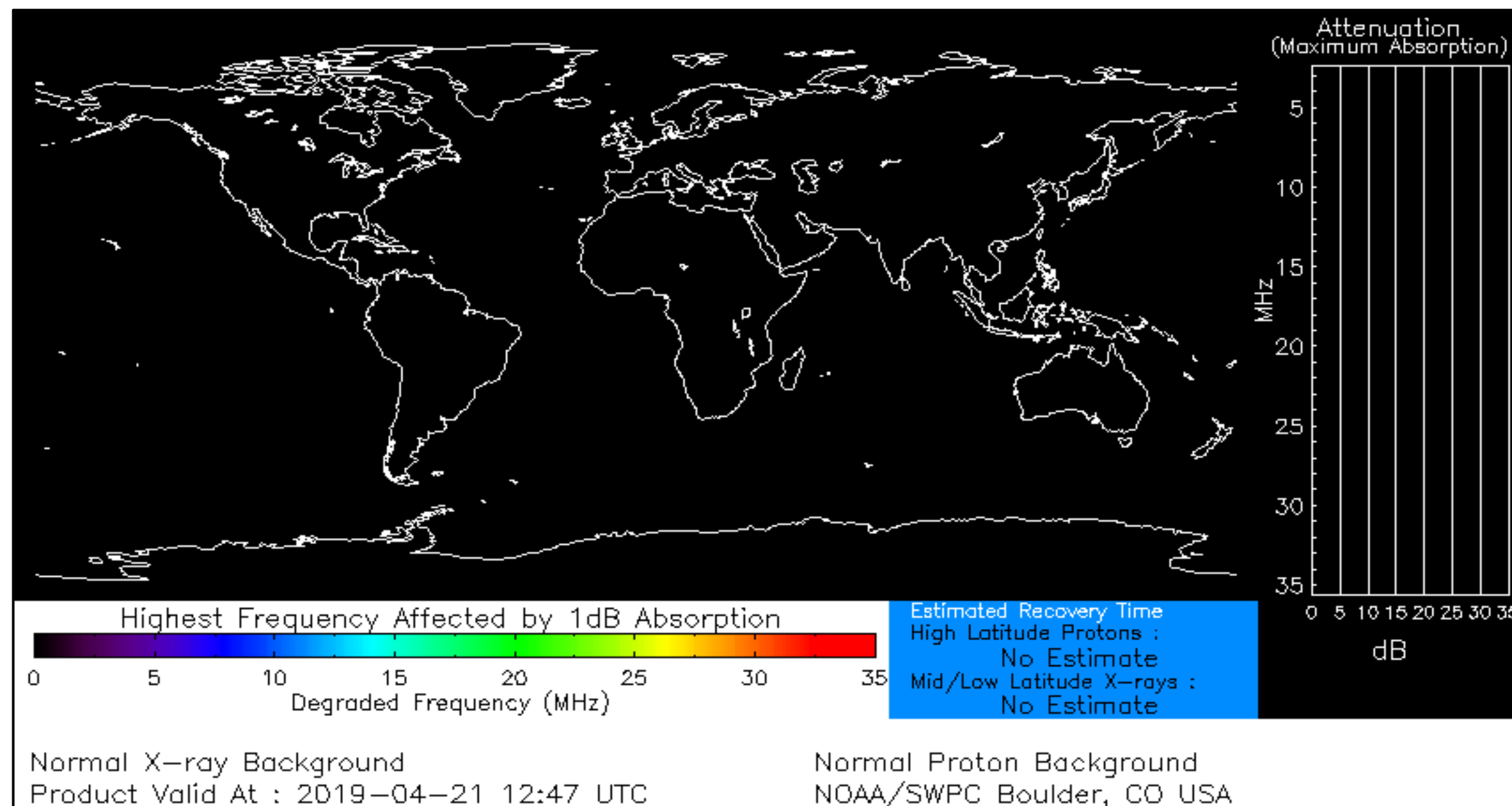
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Space Weather 3-Day Forecast



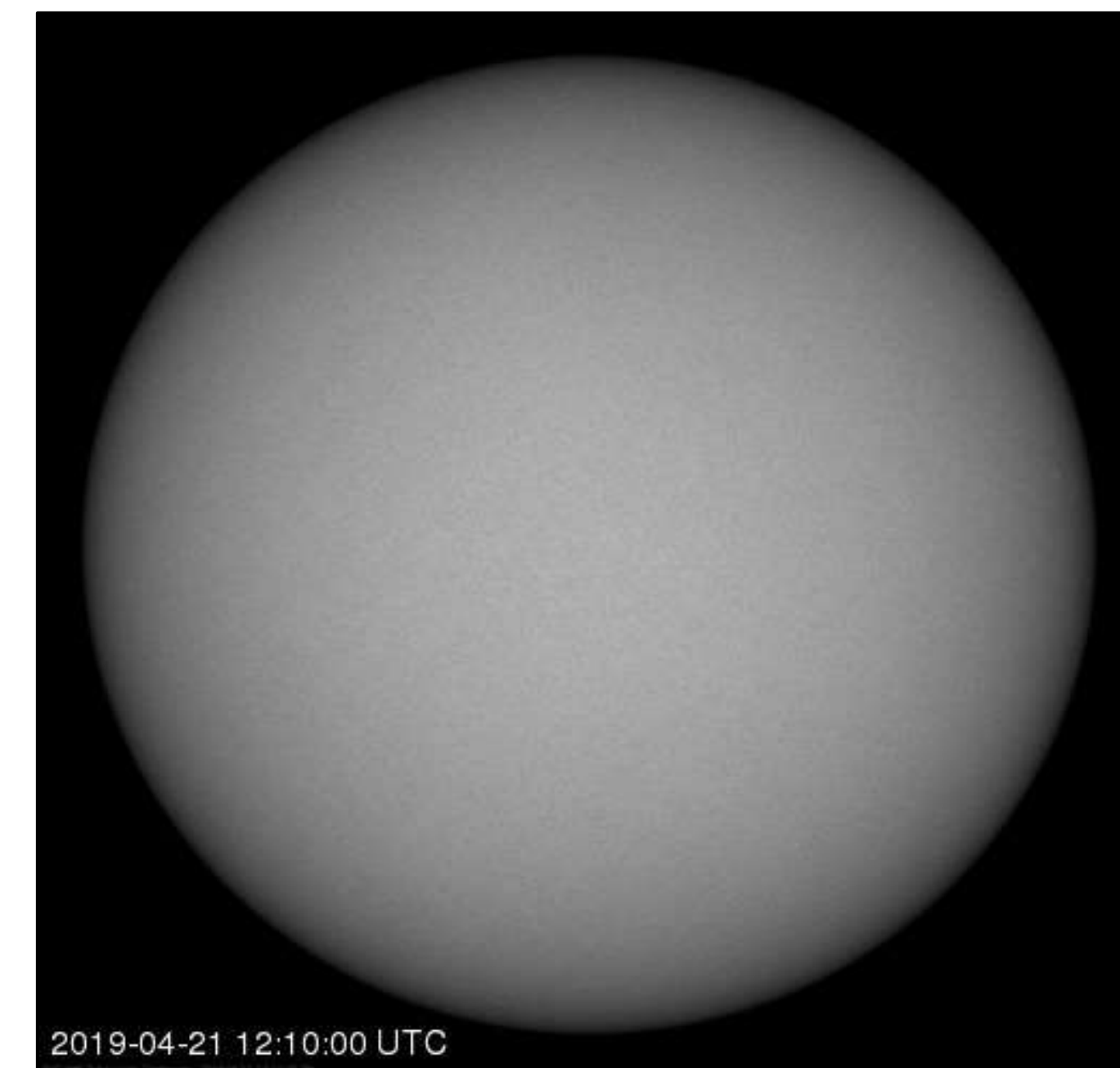
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	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

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Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov